

# Eastern Redcedar

(*Juniperus virginiana*)



## Phenophase Definitions

### Directions:

As you report on phenophase status (Y, N or ?) on the datasheets, refer to the definitions on this sheet to find out what you should look for, for each phenophase in each species. To report the intensity of the phenophase, choose the best answer to the question below the phenophase, if one is included. Feel free not to report on phenophases or intensity questions that seem too difficult or time-consuming.

## Pollen cones

### Pollen cones

One or more fresh, male pollen cones (strobili) are visible on the plant. Cones have overlapping scales that are initially tightly closed, then spread apart to open the cone and release pollen. Include cones that are unopened or open, but do not include wilted or dried cones that have already released all of their pollen.

*How many fresh pollen cones are present?*

Less than 3; 3 to 10; 11 to 100; 101 to 1,000; 1,001 to 10,000; More than 10,000;

### Open pollen cones

One or more open, fresh, male pollen cones (strobili) are visible on the plant. Cones are considered "open" when the scales have spread apart to release pollen. Do not include wilted or dried cones that have already released all of their pollen.

*What percentage of all fresh pollen cones (unopened plus open) on the plant are open?*

Less than 5%; 5-24%; 25-49%; 50-74%; 75-94%; 95% or more;

### Pollen release

One or more male cones (strobili) on the plant release visible pollen grains when gently shaken or blown into your palm or onto a dark surface.

*How much pollen is released?*

Little: Only a few grains are released.; Some: Many grains are released.; Lots: A layer of pollen covers your palm, or a cloud of pollen can be seen in the air when the wind blows ;

## Seed cones

### Unripe seed cones

One or more unripe, female seed cones are visible on the plant. For *Juniperus virginiana*, an unripe seed cone is berry-like and green.

*How many seed cones are unripe?*

Less than 3; 3 to 10; 11 to 100; 101 to 1,000; 1,001 to 10,000; More than 10,000;

### Ripe seed cones

One or more ripe, female seed cones are visible on the plant. For *Juniperus virginiana*, a berry-like seed cone is considered ripe when it has turned dark blue, purple or brownish blue, often covered with a whitish film that rubs off.

*How many seed cones are ripe?*

Less than 3; 3 to 10; 11 to 100; 101 to 1,000; 1,001 to 10,000; More than 10,000;

### Recent cone or seed drop

One or more seed cones or seeds have dropped or been removed from the plant since your last visit. Do not include empty seed cones that had long ago dropped all of their seeds but remained on the plant.

*How many seed cones have dropped seeds or have completely dropped or been removed from the plant since your last visit?*

Less than 3; 3 to 10; 11 to 100; 101 to 1,000; 1,001 to 10,000; More than 10,000;